

17364 U.S. PTO
021804

**NEW UTILITY PATENT APPLICATION
TRANSMITTAL**

DOCKET NO.
END919970054US4
IEN-10-5228-D3
TOTAL PAGES IN THIS SUBMISSION
3

TO THE ASSISTANT COMMISSIONER FOR PATENTS

**Box Patent Application
Washington, D.C. 20231**

Transmitted herewith for filing under 35 USC 111(a) and 37 CFR 1.53(b) is a new utility patent application for an invention entitled:

PHOTOIMAGEABLE DIELECTRIC EPOXY RESIN SYSTEM FILM

and invented by:

ELIZABETH FOSTER
GARY A. JOHANSSON
HEIKE MARCELLO
DAVID J. RUSSELL

assigned to

INTERNATIONAL BUSINESS MACHINES CORPORATION
Armonk, New York

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☒ Divisional ☐ Continuation -in -part (CIP)
in prior application No.: 10/345,561

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 29 pages and including the following:
 - a. ☒ Descriptive Title of the Invention
 - b. ☒ Cross References to Related Applications (*if applicable*)
 - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. ☐ Reference to Microfiche Appendix (*if applicable*)
 - e. ☒ Background of the Invention
 - f. ☒ Brief Summary of the Invention
 - g. ☒ Brief Description of the Drawings (*if drawings filed*)
 - h. ☒ Detailed Description
 - i. ☒ Claim(s) as Classified Below
 - j. ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (*when necessary as prescribed by 35 USC 113*)
 - a. ☒ Formal
 - b. ☐ InformalNumber of Sheets 1.

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10/781073

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Application Elements (Continued)

4. ☒ Oath or Declaration
- a. ☐ Newly executed (*original or copy*) ☐ Unexecuted
- b. ☒ Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
- c. ☒ With Power of Attorney ☐ Without Power of Attorney
5. ☒ Incorporation by Reference (*usable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer Program in Microfiche (*Appendix*)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all must be included*)
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy (*identical to computer copy*)
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers (*cover sheet & document(s)*)
International Business Machines Corporation
9. ☐ 37 CFR 3.73(B) Statement (*when there is an assignee*)
10. ☐ English Translation Document (*if applicable*)
11. ☒ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcards - 2
14. ☒ Certificate of Mailing
☐ First Class ☒ Express Mail (*Specify Label No.*): EL 897035660 US
15. ☒ Application Data Sheet
16. ☐ Additional Enclosures (*please identify below*):

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FEE CALCULATION AND TRANSMITTAL

CLAIMS AS FILED

1) For	2) Number Filed	3) Number Extra	Rate	Additional Fee
TOTAL CLAIMS (37 CFR 1.16(c))	7 - 20 =	- 0 -	X \$18.00	\$ 18.00
INDEPENDENT CLAIMS (37 CFR 1.16(c))	1 - 3 =	- 0 -	X \$ 86.00	\$ 0.00
First Pres. Of Multiple Dep. Claims		= 0		
Basic Fee		= 0		\$770.00
			TOTAL	\$770.00

- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0457
as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$770.00 as filing fee.
- ☒ Credit any overpayment or any deficiency.
- ☒ Charge any additional filing fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,

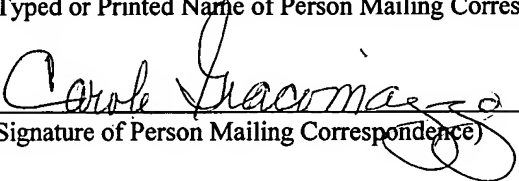
Date: 2-18-04

By: William N. Hogg

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Attachments

WNH:cg

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Foster et al			DOCKET NO. IEN-10-5228-D3 END919970054US4
Serial No. To be assigned	Filing Date Herewith	Examiner	Group Art Unit
Invention: <u>PHOTOIMAGEABLE DIELECTRIC EPOXY RESIN SYSTEM FILM</u>			
<p> I hereby certify that the attached <u>Divisional Patent Application and Supporting Documents</u> are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on <u>February 18, 2004</u>. </p>			
<p> <u>Carole Giacomazzo</u> (Typed or Printed Name of Person Mailing Correspondence) </p> <p>  (Signature of Person Mailing Correspondence) </p> <p> <u>EL 897035660 US</u> ("Express Mail" Mailing Label Number) </p>			